

SEQUENCE LISTING

<110> University of Ottawa

<120> XIAP IRES AND USES THEREOF

<130> 07891/021WO2

<150> 09/121,979

<151> 1998-07-24

<150> 09/332,319

<151> 1999-06-14

<160> 30

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 295

<212> DNA

<213> Mus musculus

<400> 1

atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
ctttaaaact caagtggttt ggtaatgtac gactctactg tttagaatta aaatgtgtct 120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtacag 180
aaatagtccct tatgctttgt gtttgaagt tcctaatgca atgtctctt tctagaaaag 240
gtggacaagt cctatttcc agagaagatg acititaaca gtttgaagg aacta 295

<210> 2

<211> 299

<212> DNA

<213> Homo sapiens

<400> 2

ttttattctg cctgctaaa tattactttc ctcaaaaaga gaaaacaaaa atgctagatt 60
ttactttatg acttgaatga tggtaatgc tcgaactcta gtatttagaa ttagaatgtt 120
tcttagcggc cgtgttagtta tttttatgtc ataagtggat aatttgttagt ctcctataac 180
aaaagtctgt tgcttgcgtt tcacattttg gatttcctaa tataatgttc tctttttaga 240
aaaggtggac aagtccattt ttcaagagaa gatgactttt aacagtttg aaggatcta 299

<210> 3

<211> 711

<212> DNA

<213> Homo sapiens

<400> 3

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gagcagctg caagagctgg attttatgct ataggtcaag aggataaagt acagtgcctt 120
cactgtggag gagggctagc caactggaag cccaaggaag atcctggga acagcatgct 180
aaatggtatac cagggtgcaa atatctgta gaagagaagg gacatgaata tataaacaac 240
attcatttaa cccgttcact tgagggagct ctggtacaaa ctaccaagaa aacaccatca 300
ctaactaaaaa gaatcagtga taccatcttc cctaattctta tgctacaaga agctatacga 360
atgggatttg atttcaagga cgttaagaaa ataatggagg aaagaattca aacatctgg 420
agcaactata aaacgcgtga ggttctgtt gcagatctag tgagcgctca gaaagacact 480
acagaaaaatg aattgaatca gacttcattg cagagagaaa tcagccctga agagccgcta 540
aggcgtctgc aagaggagaa gctttgtaaa atctgcatgg acagatatacgctgtt 600
tttattccctt gtggacatct ggtcacttgc aaacaatgtg ctgaagcagt tgacagatgt 660
cccatgtgca gcgcggat tgattcaag caaagagttt ttatgtctta a 711

<210> 4

<211> 236

<212> PRT

<213> Homo sapiens

<400> 4

Met Thr Gly Tyr Glu Ala Arg Leu Ile Thr Phe Gly Thr Trp Met Tyr
1 5 10 15
Ser Val Asn Lys Glu Gln Leu Ala Arg Ala Gly Phe Tyr Ala Ile Gly
20 25 30
Gln Glu Asp Lys Val Gln Cys Phe His Cys Gly Gly Leu Ala Asn
35 40 45
Trp Lys Pro Lys Glu Asp Pro Trp Glu Gln His Ala Lys Trp Tyr Pro
50 55 60
Gly Cys Lys Tyr Leu Leu Glu Glu Lys Gly His Glu Tyr Ile Asn Asn
65 70 75 80
Ile His Leu Thr Arg Ser Leu Glu Gly Ala Leu Val Gln Thr Thr Lys
85 90 95
Lys Thr Pro Ser Leu Thr Lys Arg Ile Ser Asp Thr Ile Phe Pro Asn
100 105 110
Pro Met Leu Gln Glu Ala Ile Arg Met Gly Phe Asp Phe Lys Asp Val
115 120 125
Lys Lys Ile Met Glu Glu Arg Ile Gln Thr Ser Gly Ser Asn Tyr Lys
130 135 140

Thr Leu Glu Val Leu Val Ala Asp Leu Val Ser Ala Gln Lys Asp Thr
145 150 155 160
Thr Glu Asn Glu Leu Asn Gln Thr Ser Leu Gln Arg Glu Ile Ser Pro
165 170 175
Glu Glu Pro Leu Arg Arg Leu Gln Glu Glu Lys Leu Cys Lys Ile Cys
180 185 190
Met Asp Arg Tyr Ile Ala Val Val Phe Ile Pro Cys Gly His Leu Val
195 200 205
Thr Cys Lys Gln Cys Ala Glu Ala Val Asp Arg Cys Pro Met Cys Ser
210 215 220
Ala Val Ile Asp Phe Lys Gln Arg Val Phe Met Ser
225 230 235

<210> 5
<211> 12
<212> DNA
<213> Homo sapiens

<400> 5
tggctcttt tt 12

<210> 6
<211> 12
<212> DNA
<213> Homo sapiens

<400> 6
aaaaagagaa ca 12

<210> 7
<211> 15
<212> DNA
<213> Homo sapiens

<400> 7
gtttcttagc ggtcg 15

<210> 8
<211> 15
<212> DNA
<213> Homo sapiens

<400> 8

cgaccgctaa gaaac 15

<210> 9
<211> 15
<212> RNA
<213> Homo sapiens

<400> 9
cgaccgcuaa gaaac 15

<210> 10
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(1)
<223> Wild-type polypyrimidine tract.

<400> 10
uguuucucuuu uu 12

<210> 11
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(12)
<223> Positions 1 and 3-12 are mutated.

<400> 11
agaagagaaa aa 12

<210> 12
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation

<222> (1)...(12)

<223> Positions 1-2, 7, and 8-12 are mutated.

<400> 12

cuuucuuucc cc 12

<210> 13

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (1)...(2)

<223> Positions 1-2 are mutated.

<400> 13

aauucucuuu uu 12

<210> 14

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (3)...(4)

<223> Positions 3-4 are mutated.

<400> 14

ugaacucuuu uu 12

<210> 15

<211> 12

<212> RNA

<213> Homo sapiens

<220>

<221> variation

<222> (5)...(6)

<223> Positions 5-6 are mutated.

<400> 15

uguuaacuuu uu 12

<210> 16
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (7)...(8)
<223> Positions 7-8 are mutated.

<400> 16

uguucuaauu uu 12

<210> 17
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (9)...(10)
<223> Positions 9-10 are mutated.

<400> 17

uguucucuaa uu 12

<210> 18
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (11)...(12)
<223> Positions 11-12 are mutated.

<400> 18

uguucucuuu aa 12

<210> 19
<211> 268

<212> DNA

<213> Homo sapiens

<400> 19

tattctgcct gcttaaatat tactttcctc aaaaagagaa aacaaaaatg ctagattta 60
ctttatgact tgaatgatgt ggtaatgtcg aactctagta tttagaatta gaatgttct 120
tagcggcgtg ttagttttt ttatgtcata agtggataat ttgttagctc ctataacaaa 180
agtctgtgc ttgtgttca cattttggat ttcttaatat aatgttctt tttagaaaaa 240
ggggacaag tcctatttc aagagaag 268

<210> 20

<211> 267

<212> DNA

<213> Mus musculus

<400> 20

atgtgttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
ctttaaaact caagtggttt ggtaatgtac gactctactg tttagaatta aaatgtgtct 120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc tttagtacag 180
aaatagtcc tatgcttgtt gtttgaagt ttcttaatgca atgttctt tctagaaaaag 240
gtggacaagt cctatttcc agagaag 267

<210> 21

<211> 163

<212> DNA

<213> Homo sapiens

<400> 21

aattagaatg ttcttagcg gtcgtgtagt tattttatg tcataagtgg ataattgtt 60
agctcctata acaaaaagtct gttgcttgc ttccacattt tggatttcct aatataatgt 120
tctctttta gaaaagggtgg acaagtccata ttcaagag aag 163

<210> 22

<211> 162

<212> DNA

<213> Mus musculus

<400> 22

aattaaaatgtgtcttagttt attgtgccat tattttatg tcataactgg ataataatattt 60
agtgcttagt atcagaaaata gtccttatgc ttgtgtttt gaagttccata atgcaatgtt 120
ctctttcttagaaaagggtgg caagtccat tttccagaga ag 162

<210> 23

<211> 103

<212> DNA

<213> Homo sapiens

<400> 23

agtcctata acaaaagtct gttgcttgc tttcacattt tggattcct aatataatgt 60
tctctttta gaaaagggtgg acaagtccta tttcaagag aag 103

<210> 24

<211> 102

<212> DNA

<213> Mus musculus

<400> 24

atgccttagt atcagaaata gtccttatgc tttgtttt gaagttccta atgcaatgtt 60
ctctttctag aaaagggtgg acaagtccta tttccagaga ag 102

<210> 25

<211> 83

<212> DNA

<213> Homo sapiens

<400> 25

gttgcttgc tttcacattt tggattcct aatataatgt tctctttta gaaaagggtgg 60
acaagtccta tttcaagag aag 83

<210> 26

<211> 83

<212> DNA

<213> Mus musculus

<400> 26

atgccttagt ctttgtttt tgaagttcct aatgcaatgt tctcttcta gaaaagggtgg 60
acaagtccta tttccagag aag 83

<210> 27

<211> 129

<212> DNA

<213> Homo sapiens

<400> 27

aattagaatg tttcttagcg gtcgtgtagt tattttatg tcataagtgg ataattgtt 60
agtcctata acaaaagtct gttgcttgc tttcacattt tggattcct aatataatgt 120

tctctttt

129

<210> 28

<211> 128

<212> DNA

<213> Mus musculus

<400> 28

aattaaaatg tgtcttagtt attgtgccat tattttatg tcacactgg ataatatatt 60
agtgcctagt atcagaaaata gtccttatgc ttgtgtttt gaagttccta atgcaatgtt 120
ctctttct 128

<210> 29

<211> 234

<212> DNA

<213> Homo sapiens

<400> 29

tattctgcct gcttaaatat tacttcctc aaaaagagaa aacaaaaatg cttagttta 60
ctttatgact tgaatgtatgtt ggtatgtcg aactctatgtt ttagaatta gaatgtttct 120
tagcggcgtgtt gtagttttt ttatgtcata agtggataat ttgttagctc ctataacaaa 180
agctgtgtgc ttgtttca cattttggat ttccataat aatgttctct tttt 234

<210> 30

<211> 233

<212> DNA

<213> Mus musculus

<400> 30

atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
ctttaaaact caagtggttt ggtatgtac gactctactg ttagaatta aaatgtgtct 120
tagttattgtt gccattattt ttatgtcata actggataat atattatgtgc ttgtatcag 180
aaatagtccct tatgttttgtt gtttgaagt tcctaatgca atgttctct tct 233